

- <110> van Leengoed, Leonardus Adrianus Maria Govardus Hoebe, Kasper Hubertus Nicolaas Meloen, Robert Hans
- <120> IL-6 and IL-6 receptor derived peptide having IL-6 antagonistic or agonistic activity
- <130> 2183-3890US
- <140> US 09/202,104
- <141> 1999-04-30
- <150> EP 96201720.8
- <151> 1996-06-20
- <150> PCT/NL97/00345
- <151> 1997-06-19
- <160> 19
- <170> PatentIn version 3.2
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- <211> 12
- <212> PRT
- <213> Artificial Sequence
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- <223> region in IL-6
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1 5 10

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Pro Glu Lys Pro Lys Asn Leu Ser Cys Ile Val Asn Glu Gly Lys Lys

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Met Arg Cys Glu Trp Asp Gly Gly Arg

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Asn Phe Thr Leu Lys Ser Glu Trp Ala Thr His Lys Phe Ala Asp Cys

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Asn

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Glu Trp Gly Pro Arg Ser Thr Pro Ser Leu Thr Thr Lys Ala Val Leu

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Leu Val Arg Lys Phe Gln Asn Ser Pro Ala Glu Asp
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His Arg Gln Pro Leu Thr Ser Ser Glu Arg Ile Ser Lys Gln Ile Arg

20 25 30

Tyr Ile Leu Asp Gly Ile Ser Ala Leu Arg Lys Glu Thr Cys Asn Lys 35 40 45

Ser Asn Met Cys Glu Ser Ser Lys Glu Ala Leu Ala Glu Asn Asn Leu 50 55 60

Asn Leu Pro Lys Met Ala Glu Lys Asp Gly Cys Phe Gln Ser Gly Phe 65 70 75 80

Asn Glu Glu Thr Cys Leu Val Lys Ile Ile Thr Gly Leu Leu Glu Phe 85 90 95

Glu Val Tyr Leu Glu Tyr Leu Gln Asn Arg Phe Glu Ser Ser Glu Glu
100 105 110

Gln Ala Arg Ala Val Gln Met Ser Thr Lys Val Leu Ile Gln Phe Leu 115 120 125

Gln Lys Lys Ala Lys Asn Leu Asp Ala Ile Thr Thr Pro Asp Pro Thr 130 135 140

Thr Asn Ala Ser Leu Leu Thr Lys Leu Gln Ala Gln Asn Gln Trp Leu 145 150 155 160

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Leu Gln Ser Ser Leu Arg Ala Leu Arg Gln Met
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1 5 10 15

Asn Val Val Cys Glu Trp Gly Pro Arg Ser Thr Pro Ser Leu Thr Thr

20 25 30 .

Lys Ala Val Leu Leu Val Arg Lys Phe Gln Asn Ser Pro Ala Glu Asp 35 40 45

Phe Gln Glu Pro Cys Gln Tyr Ser Gln Glu Ser Xaa Lys Phe Ser Cys 50 55 60

Xaa Leu Ala Val Pro Glu Gly Asp Ser Ser Phe Tyr Ile Val Ser Met 65 70 75 80

Cys Val Ala Ser Ser Val Gly Ser Lys Phe Ser Lys Thr Gln Thr Phe 85 90 95

Gln Gly Cys Gly Ile Leu Gln Pro Asp Pro Pro Ala Asn Ile Thr Val 100 105 110

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20 25 30

Asn Phe Thr Leu Lys Ser Glu Trp Ala Thr His Lys Phe Ala Asp Cys 35 40 45

Lys Ala Lys Arg Asp Thr Pro Thr Ser Cys Thr Val Asp Tyr Ser Thr 50 55 60

Val Tyr Phe Val Asn Ile Glu Val Trp Val Glu Ala Glu Asn Ala Leu 65 70 75 80

Gly Lys Val Thr Ser Asp His Ile Asn Phe Asp Pro Val Tyr Lys Val 85 90 95

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Arg Tyr Ile Leu Asp

<210> 19

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